| ~X           | <del>-</del> |  |   | COZ POC'd PCT/PTO            | 0 4 MAY 2001          |  |  |  |  |  |  |
|--------------|--------------|--|---|------------------------------|-----------------------|--|--|--|--|--|--|
| FORM I       | -2000)       |  | TO OF COMMERCE PATENT AND TRADEMARK OFFICE    | RNE S DOCKET                 | NUMBER                |  |  |  |  |  |  |
|              | TF           |  | IITTAL LETTER TO THE UNITED STATES            |                              |                       |  |  |  |  |  |  |
|              |              | DESIGNATED/ELECT   | TED OFFICE (DO/EO/US)                         | U.S. APPLICATION NO.         | (IF KNOWN, SEE 37 CFR |  |  |  |  |  |  |
|              |              | CONCERNING A FILI  | NG UNDER 35 U.S.C. 371                        |                              |                       |  |  |  |  |  |  |
| INTE         |              | IONAL APPLICATION NO.  | INTERNATIONAL FILING DATE                     | PRIORITY DATE CLAIM          |                       |  |  |  |  |  |  |
| TITLE        |              | PCT/JP00/06240<br>NVENTION   | September 13, 2000                            | Septemb                      | er 17, 1999           |  |  |  |  |  |  |
| RAD          | T OI         | TRANSMISSION/RECEPT  | ION APPARATUS AND RADIO COM                   | MMUNICATION MET              | OLD E JOJS            |  |  |  |  |  |  |
| Juni         | chi A        |  | itsuru UESUGI, and Takeshi AKIYA              |                              | MAY O L ZOON SEE      |  |  |  |  |  |  |
| Appli        | cant l       | nerewith submits to the United S   | tates Designated/Elected Office (DO/EO/US)    | ) the following items and ot | her intermation:      |  |  |  |  |  |  |
| 1.           | $\boxtimes$  | herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other incomation:  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. |   |                              |                       |  |  |  |  |  |  |
| 2.           |              | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  |   |                              |                       |  |  |  |  |  |  |
| 3.           | Ø            | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.                                  |   |                              |                       |  |  |  |  |  |  |
| 4.           |              | The US has been elected by the expiration of 19 months from the priority date (Article 31).  |   |                              |                       |  |  |  |  |  |  |
| 5.           | $\boxtimes$  | A copy of the International Ap   | plication as filed (35 U.S.C. 371 (c) (2))    |                              |                       |  |  |  |  |  |  |
|              |              | a. $\square$ is attached hereto (rec   | quired only if not communicated by the Inter  | mational Bureau).            |                       |  |  |  |  |  |  |
|              |              | b. 🛮 has been communicat   | ed by the International Bureau.               |                              |                       |  |  |  |  |  |  |
| <u>:</u>     |              | c. $\square$ is not required, as the   | application was filed in the United States Re | eceiving Office (RO/US).     |                       |  |  |  |  |  |  |
| 6.           | $\boxtimes$  | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |   |                              |                       |  |  |  |  |  |  |
| 1.44<br>1.44 |              | a. 🛮 is attached hereto.   |   |                              |                       |  |  |  |  |  |  |
|              |              | b. $\square$ has been previously submitted under 35 U.S.C. 154(d)(4).  |   |                              |                       |  |  |  |  |  |  |
| 7.           |              | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  |   |                              |                       |  |  |  |  |  |  |
| i÷           |              | a.   are attached hereto (required only if not communicated by the International Bureau).  |   |                              |                       |  |  |  |  |  |  |
| <u>.</u>     |              | b.  have been communicated by the International Bureau.  |   |                              |                       |  |  |  |  |  |  |
|              |              | c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.   |   |                              |                       |  |  |  |  |  |  |
| ! <u></u>    |              | d. have not been made a  | and will not be made.                         |                              |                       |  |  |  |  |  |  |
|              |              | An English language translatio   | n of the amendments to the claims under PC    | T Article 19 (35 U.S.C. 371  | (c)(3)).              |  |  |  |  |  |  |
| <b>. . .</b> | $\boxtimes$  | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  |   |                              |                       |  |  |  |  |  |  |
| 10.          |              | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).  |   |                              |                       |  |  |  |  |  |  |
| 11.          |              | A copy of the International Preliminary Examination Report (PCT/IPEA/409).   |   |                              |                       |  |  |  |  |  |  |
| 12.          | $\boxtimes$  | A copy of the International Search Report (PCT/ISA/210).   |   |                              |                       |  |  |  |  |  |  |
| It           | ems 1        | 13 to 20 below concern docume  | nt(s) or information included:                |                              |                       |  |  |  |  |  |  |
| 13.          | $\boxtimes$  | An Information Disclosure Sta  | atement under 37 CFR 1.97 and 1.98.           |                              |                       |  |  |  |  |  |  |
| 14.          | $\boxtimes$  | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |   |                              |                       |  |  |  |  |  |  |
| 15.          |              | A FIRST preliminary amendment.   |   |                              |                       |  |  |  |  |  |  |
| 16.          |              | A SECOND or SUBSEQUENT preliminary amendment.  |   |                              |                       |  |  |  |  |  |  |
| 17.          |              | A substitute specification.  |   |                              |                       |  |  |  |  |  |  |
| 18.          |              | A change of power of attorney  | and/or address letter.                        |                              |                       |  |  |  |  |  |  |
| 19.          |              | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.  |   |                              |                       |  |  |  |  |  |  |
| 20.          |              | A second copy of the published international application under 35 U.S.C. 154(d)(4).  |   |                              |                       |  |  |  |  |  |  |
| 21.          |              | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  |   |                              |                       |  |  |  |  |  |  |
| 22.          |              | Certificate of Mailing by Express Mail   |   |                              |                       |  |  |  |  |  |  |
| 23.          | $\boxtimes$  | Other items or information:  |   |                              |                       |  |  |  |  |  |  |
|              |              | PCT/IB/308   |   |                              |                       |  |  |  |  |  |  |
|              |              | PCT/RO/101 Claim for Priority with PCT/  | /IB/304                                       |                              |                       |  |  |  |  |  |  |

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| U.S. A   | PPLICATIO  | 09/837157.   | INTERNATIONAL A                                  | APPLICAT<br>P <b>00/062</b> 4 |              | N           |          |                         | DOCKET NUMBER <b>9.01133</b> |
|--|--|--|--|-------------------------------|--------------|-------------|----------|-------------------------|------------------------------|
| 24   | 771  |  | 1 € 1761   | 100/0024                      |              |             | <u> </u> | -                       |                              |
| 24.  |  | following fees are submitted:. NAL FEE ( 37 CFR 1:492 (a) (1)  | CA   | LCULATIONS                    | PTO USE ONLY |             |          |                         |                              |
|  | Neither in   | thernational preliminary examinational search fee (37 CFR 1.445(a)(2) national Search Report not prepare |  |                               |              |             |          |                         |                              |
| ⊠  | Internatio   | nal preliminary examination fee (3 ut International Search Report pre                                    |  |                               |              |             |          |                         |                              |
|  | Internatio   | nal preliminary examination fee (3 ational search fee (37 CFR 1.445(                                     |  |                               |              |             |          |                         |                              |
|  |  |  |  |                               |              |             |          |                         |                              |
|  | Internatio   | nal preliminary examination fee (3 aims satisfied provisions of PCT A                                    | <u> </u>   |                               |              |             |          |                         |                              |
| and all claims satisfied provisions of PCT Article 33(1)-(4) |  |  |  |                               |              |             |          | \$860.00                |                              |
| Surcha<br>month  | arge of \$13<br>s from the   | 0.00 for furnishing the oath or decearliest claimed priority date (37)                                   | laration later than<br>CFR 1.492 (e)).           | □ 2                           | 0            | □ 30        |          | \$0.00                  |                              |
| CL   | AIMS   | NUMBER FILED   | NUMBER EXT                                       | RA                            |              | RATE        |          |                         |                              |
| Total (  | claims   | 11 - 20 =  | 0  |                               | х            | \$18.00     |          | \$0.00                  |                              |
| Indepe   | endent clair   | ns 4 - 3 =   | 1  |                               | x            | \$80.00     |          | \$80.00                 |                              |
| Multip   | ole Depend   | ent Claims (check if applicable).  |  |                               |              |             | <u> </u> | \$0.00                  |                              |
|  |  |  | F ABOVE CALO                                     |                               |              |             | <u> </u> | \$940.00                |                              |
|  | Applicant c educed by  | laims small entity status. (See 37 C<br>1/2.   | CFR 1.27). The fees indi                         | icated abo                    | ve ar        | e           |          | \$0.00                  |                              |
|  |  |  |  | SUB'                          | ΤΟΊ          | ΓAL =       |          | \$940.00                |                              |
| Proces<br>month  | Processing fee of \$130.00 for furnishing the English translation later than |  |  |                               |              |             |          |                         |                              |
| <b>⊒</b> -   |  |  | TOTAL NAT  | IONA                          | L <b>F</b>   | EE =        |          | \$940.00                |                              |
| Fee fo   | r recording<br>panied by   | the enclosed assignment (37 CFR an appropriate cover sheet (37 CFI                                       | 1.21(h)). The assignm<br>R 3.28, 3.31) (check if | ent must l<br>applicabl       | oe<br>le).   | Ø           |          | \$40.00                 |                              |
| 1""  |  |  | TOTAL FEES                                       | ENCL                          | OS           | ED =        |          | \$980.00                |                              |
| U 1  |  |  |  |                               |              |             | Amo      | ount to be:<br>refunded | \$                           |
|  |  |  | _  |                               |              |             |          | charged                 | \$                           |
| 1 1 1 1 a.   | <b>⊠</b> A   | check in the amount of \$98  | 0.00 to cover the                                | above fee                     | s is e       | nclosed.    |          |                         |                              |
| .=<br>.= b.  | □ P  | lease charge my Deposit Account I  | No   | in the am                     | ount         | of          |          | to cover th             | e above fees.                |
| c.   | <b>⊠</b> T   | he Commissioner is hereby author Deposit Account No. 19-43   | ized to charge any addit                         |                               |              | -           | •        | l, or credit any o      | verpayment                   |
| d.   | □ F  | ees are to be charged to a credit ca   | rd. WARNING: Inform                              | nation on t                   | this f       | orm may bed | ome j    |                         |                              |
| NOTE   |  | iformation should not be include<br>an appropriate time limit under                                      |  |                               |              |             |          |                         |                              |
| 1.137(   | (a) or (b))  | must be filed and granted to rest  |  |                               |              |             |          | 1 11 10                 |                              |
| SEND ALL CORRESPONDENCE TO:                                  |  |  |  |                               |              |             | , Z ,    | Lulla / Y               | _                            |
|  | es E. Ledbo<br>VENS, DA  | etter, Esq.<br>VIS, MILLER & MOSHER, LL  | SIGNATURE  |                               |              |             |          |                         |                              |
|  | ,  | N.W., Suite 850  | James E. Ledbetter                               |                               |              |             |          |                         |                              |
|  | nington, D<br>202-785-0  |  |  |                               | NAME         |             |          |                         |                              |
|  | 202-408-5  |  |  | 28,732                        |              |             |          |                         |                              |
|  |  |  |  | REGISTRATION NUMBER           |              |             |          |                         |                              |
|  |  |  |  |                               |              |             |          |                         |                              |
|  |  |  | May 4, 2001  DATE                                |                               |              |             |          |                         |                              |
|  |  |  |  |                               | אַט          | AIE         |          |                         |                              |